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SEP 10 2001

DECLARATION AND POWER OF ATTORNEY Technology Center 2100
FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. VELCP003

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHOD & APPARATUS FOR FDT/IDFT ENGINE SUPPORTING MULTIPLE X-DSL PROTOCOLS** the specification of which,

(check one)

1. is attached hereto.
2. was filed on October 26, 2000 as
U.S. Application No. _____
and was amended on _____
3. was filed on _____ as
International PCT Application No. _____
and was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

			Priority Benefits Claimed?
(Application No.)	(Country)	(Filing Date)	Yes <input type="checkbox"/> No <input type="checkbox"/>
_____	_____	_____	Yes <input type="checkbox"/> No <input type="checkbox"/>
_____	_____	_____	Yes <input type="checkbox"/> No <input type="checkbox"/>

Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

<u>60/161,744</u> (Application No.)	<u>October 26, 1999</u> (Filing Date)
<u>60/179,862</u> (Application No.)	<u>February 2, 2000</u> (Filing Date)

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.) _____ (Filing Date) _____ (Status - patented, pending, abandoned)

(Application No.) _____ (Filing Date) _____ (Status - patented, pending, abandoned)

Power of Attorney

And I hereby appoint the law firm of **CARY & KELLY, LLP** and all practitioners who are associated with firm as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:

CARY & KELLY, LLP
1875 Charleston Road
Mountain View CA, 94043

Direct Telephone Calls To:

Charles C. Cary at telephone number (650) 316-4011

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of

First Inventor:

Omprakash S. SARMARU

Citizenship: US

Inventor's signature: _____

Date of Signature: _____

Residence: (City) Fremont

(State/Country) CA/USA

Post Office Address: 46896 Shale Common, Fremont, CA 94539

Typewritten Full Name of

Second Inventor:

Raminder S. BAJWA

Citizenship: INDIA

Inventor's signature: _____

Date of Signature: _____

Residence: (City) Palo Alto

(State/Country) CA/USA

Post Office Address: 450 Olive Avenue, Palo Alto, CA 94306

Typewritten Full Name of
Third Inventor: Sridhar BEGUR Citizenship: US
Inventor's signature: _____ Date of Signature: _____
Residence: (City) Cupertino (State/Country) CA/USA
Post Office Address: 21410 Columbus Avenue, Cupertino, CA 95014

Typewritten Full Name of
Forth Inventor: Avadhani SHRIDHAR Citizenship: INDIA
Inventor's signature: _____ Date of Signature: _____
Residence: (City) Santa Clara (State/Country) CA/USA
Post Office Address: 3703 Hillsdale Court, Santa Clara, CA 95051

Typewritten Full Name of
Fifth Inventor: Sam HEIDARI Citizenship: IRAN
Inventor's signature: _____ Date of Signature: _____
Residence: (City) Fremont (State/Country) CA/USA
Post Office Address: 3402 Pinewood Terrace, #112, Fremont, CA 94536

Typewritten Full Name of
Sixth-Inventor: Behrooz REZVANI Citizenship: US
Inventor's signature: _____ Date of Signature: _____
Residence: (City) Pleasanton (State/Country) CA/USA
Post Office Address: 3630 Andrews Drive, #202, Pleasanton, CA 94588



DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. VELCP003

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD & APPARATUS FOR FDT/IDFT ENGINE SUPPORTING MULTIPLE X-DSL

PROTOCOLS the specification of which,

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Technology Center 2100

(check one) 1. is attached hereto.

2. was filed on October 26, 2000 as
U.S. Application No. 60/1698,824
and was amended on _____.

3. was filed on _____ as
International PCT Application No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

I hereby grant my attorneys the right to insert the U.S. application number and filing date where space is provided above at any time subsequent to the date of my signature below.

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Priority Benefits Claimed?
Yes No

(Application No.) (Country) (Filing Date)

Yes No

(Application No.) (Country) (Filing Date)

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(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
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Power of Attorney

And I hereby appoint the law firm of **CARY & KELLY, LLP** and all practitioners who are associated with firm as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:

CARY & KELLY, LLP
1875 Charleston Road
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Charles C. Cary at telephone number (650) 316-4011

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Typewritten Full Name of
First Inventor: Omprakash S. SARMARU Citizenship: US

Inventor's signature: M. S. O. Date of Signature: 11/14/2000

Residence: (City) Fremont (State/Country) CA/USA

Post Office Address: 46896 Shale Common, Fremont, CA 94539

Typewritten Full Name of
Second Inventor: Raminder S. BAJWA Citizenship: INDIA

Inventor's signature: Raminder Singh Date of Signature: 11/14/2000

Residence: (City) Palo Alto (State/Country) CA/USA

Post Office Address: 450 Olive Avenue, Palo Alto, CA 94306

Typewritten Full Name of
Third Inventor: Sridhar BEGUR Citizenship: US
Inventor's signature: Sridhar Begur Date of Signature: NOV 8th, 2000
Residence: (City) Cupertino (State/Country) CA/USA
Post Office Address: 21410 Columbus Avenue, Cupertino, CA 95014

Typewritten Full Name of
Forth Inventor: Avadhani SHRIDHAR Citizenship: INDIA
Inventor's signature: Avadhani Date of Signature: 11/14/2000
Residence: (City) Santa Clara (State/Country) CA/USA
Post Office Address: 3703 Hillsdale Court, Santa Clara, CA 95051

Typewritten Full Name of
Fifth Inventor: Sam HEIDARI Citizenship: IRAN
Inventor's signature: Sam Heidari Date of Signature: Nov. 14. 2000
Residence: (City) Fremont (State/Country) CA/USA
Post Office Address: 3402 Pinewood Terrace, #112, Fremont, CA 94536

Typewritten Full Name of
Sixth Inventor: Behrooz REZVANI Citizenship: US
Inventor's signature: BR Date of Signature: 11/14/00
Residence: (City) Pleasanton (State/Country) CA/USA
Post Office Address: 3630 Andrews Drive, #202, Pleasanton, CA 94588